



# Parka®

POWERED BY **SureSeal™**  
BIOFILM TECHNOLOGY

# Cuticle Supplement

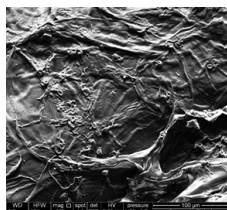
## Clear Protection Under the Sun

The cuticle is a plant's first line of defense between the environment and the epidermal cells. Lack of an adequate cuticle can negatively impact fruit quality and yields.

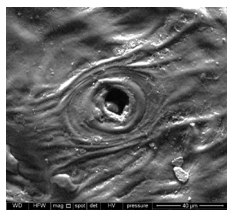
By supplementing the natural cuticle of the fruit, Parka protects apples from damages caused by environmental extremes. Applications of Parka can reduce sunburn, cracking and improve fruit quality.

## What is Parka?

The components of Parka are very similar to the already existing cuticle. Parka is a phospholipid and polysaccharide based product designed to supplement the naturally occurring cutin and waxy-layers of the plant's cuticle.



Parka coated fruit cuticle



Parka coated leaf cuticle with open stomata



### ELASTIC

Coating flexes & expands with plant & fruit growth.



### HYDROPHOBIC

Repels water.



### PERMEABLE

Allows continued transpiration and gas exchange. Not an antitranspirant.



### EDIBLE

Made up of food grade ingredients



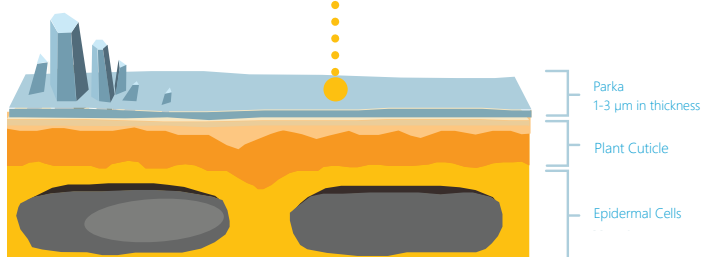
### CLEAR

Leaves no residue



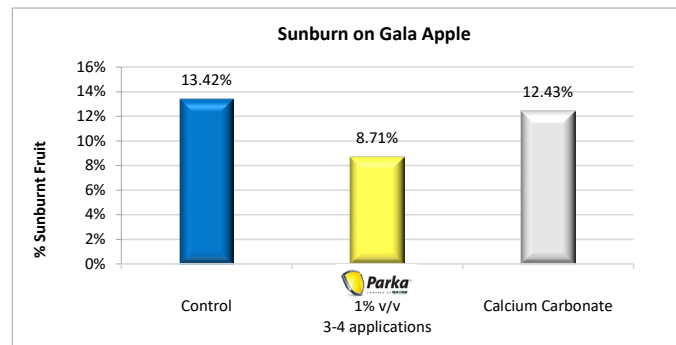
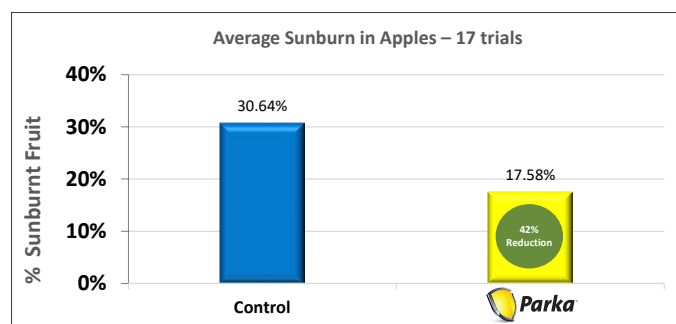
### COMPATIBLE

High tank mixing capability  
No surfactant needed



## Sunburn Trial Results

When compared to calcium based products, Parka requires less applications and a lower concentration to achieve similar results, and without leaving any residue on the plant. When compared to an UTC, Parka has proved to reduce sunburn by an average of 40% or more year over year.



### Parka - Use Recommendation

Use 1 gal of Parka in 100 - 200 gal of water per acre to obtain a 0.5 - 1.0% V/V final solution.

- Best results are obtained with a preventative program
- 1) Apply at 12mm size
  - 2) Repeat every 21-30 days for a total of 3-4 applications

### Reactionary program

- 1) Apply 5-7 days prior to ambient temperatures above 90 degrees
- 2) Repeat every 21-30 days for a total of 3-4 applications

Do not mix with surfactants, pinolene-based products, Captan or any other products that are not compatible with oil based materials.

### For more information on Parka, contact your Cultiva Representative:

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